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aatgcacaat taagggaga tgtgcgtatt cgatttgcata atacagacga cgcttaata	420
acagcaataa ataattttac acttacaagt tttgaaatcc ctcttttac ggtctatgtt	480
caagcggcga atttacattt atcactatta agagacgtg tatcgtttg gcagggttgg	540
ggactggata tagctactgt taataatcat tataatagat taataaatct tattcataga	600
tatacgaacat attgtttgga cacatacaat caaggattag aaaacttaag aggtactaat	660
actcgacaat gggcaagatt caatcagttt aggagagatt taacacttac tttttagat	720
atcggtgctc ttttccgaa ctacgatgtt agaacatatac caattcaaac gtcatccaa	780
ttaacaaggaa aatttatac aagttcgtt attgaggatt ctccagttc tgctaataata	840
cctaatggtt ttaatagggc ggaatttggg gtagaccgc cccatttat ggactttatg	900
aattctttgt ttgttaactgc agagactgtt agaagtcaaa ctgtgtgggg aggacactta	960
gttagttcac gaaatacggc tggtaaccgt ataaatttcc ctagttacgg ggtcttcaat	1020
cctgggtggcg ccatttggat tgcagatgag gatccacgtc ctttttatcg gacattatca	1080
gatcctgttt ttgtccgagg aggatttggg aatccttattt atgtactggg gcttagggg	1140
gttagcatttc aacaaactgg tacgaaccac acccgaaat ttagaaatag tgggaccata	1200
gattctctag atgaaatccc acctcaggat aatagtgggg caccttggaa tgattatgt	1260
catgtattaa atcatgttac atttgtacga tggccaggtt agatttcagg aagtgtatca	1320
tggagagctc caatgttttcc ttggacgcac cgtagtgcaa cccctacaaa tacaattgt	1380
ccggagagga ttactcaaat accattggta aaagcacata cacttcagtc aggtactact	1440
gttggtaagag ggccgggtt tacgggagga gatattttcc gacgaacaag tggaggacca	1500
tttgcttata ctattgttaa tataatggg caatttcccc aaaggtatcg tgcaagaata	1560
cgctatgcct ctactacaaa tctaagaatt tacgtaacgg ttgcaggtga acggatTTT	1620
gttggtaat ttaacaaaac aatggatacc ggtgaccat taacattcca atcttttagt	1680
tacgcaacta ttaatacagc ttttacattt ccaatgagcc agagtagttt cacagtaggt	1740
gtgtatactt ttagttcagg gaatgaagtt tatatagaca gatttgaatt gattccagtt	1800
actgcaacat ttgaatag	1818

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What may be claimed is:

1. A polynucleotide comprising:  
a plant promoter that is functional in maize; and  
a synthetic nucleotide sequence encoding a polypeptide  
encoded by a native nucleotide sequence in the genome  
of an organism other than a maize plant,  
wherein the synthetic nucleotide sequence has been  
codon-optimized to remove codons selected from the  
group consisting of TTA, CTA, GTA, CGT, AGT,  
and CGA, from the native nucleotide sequence,  
wherein the synthetic nucleotide sequence comprises at  
least one polyadenylation sequence selected from the  
group consisting of AATAAT, AACCAA,  
ATATAA, ATACTA, ATAAAA, ATGAAA,  
AAGCAT, ATTAAT, ATACAT, AAAATA,  
ATTAAA, AATTAA, AATACA, and CATAAA in a  
different number or location than in the native  
nucleotide sequence, and  
wherein the synthetic nucleotide sequence does not  
comprise a polyadenylation sequence selected from  
the group consisting of ATATAT, TTGTTT,  
TTTTGT, TGTTTT, TATATA, TATTAA, TTTTTT,  
ATTTTT, TTATTT, TTTATT, TAATAA, ATTAT,  
TATATT, TTTTAT, ATATTT, TATTAT, TGTTTG,  
TTATAT, TGTAAT, AAATAA, AATTAA, TTTTTA,  
TAATTT, TTAATT, AAATT, TTTGTT, ATTATT,  
ATTTTA, TTTAAT, and TTTTAA.

from the group consisting of AATAAT, AACCAA,  
ATATAA, ATACTA, ATAAAA, ATGAAA,  
AAGCAT, ATTAAT, ATACAT, AAAATA,  
ATTAAA, AATTAA, AATACA, and CATAAA in a  
different number or location than in the native  
nucleotide sequence, and

wherein the synthetic nucleotide sequence does not  
comprise a polyadenylation sequence selected from  
the group consisting of ATATAT, TTGTTT,  
TTTTGT, TGTTTT, TATATA, TATTAA, TTTTTT,  
ATTTTT, TTATTT, TTTATT, TAATAA, ATTAT,  
TATATT, TTTTAT, ATATTT, TATTAT, TGTTTG,  
TTATAT, TGTAAT, AAATAA, AATTAA, TTTTTA,  
TAATTT, TTAATT, AAATT, TTTGTT, ATTATT,  
ATTTTA, TTTAAT, and TTTTAA.

2. The polynucleotide of claim 1, wherein the nucleotide  
sequence encoding the polypeptide has been codon-opti-  
mized to remove from the reference nucleotide sequence all  
codons selected from the group consisting of TTA, CTA,  
GTA, CGT, AGT, and CGA.